

Interview Summary	Application No.	Applicant(s)
	09/806,304	BROCHEZ, ALAIN
	Examiner	Art Unit
	Ernesto Garcia	3679

All participants (applicant, applicant's representative, PTO personnel):

(1) Ernesto Garcia. (3) _____.

(2) Patrick Buechner. (4) _____.

Date of Interview: 15 February 2007.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: 36,54-57,59 and 60.

Identification of prior art discussed: none.

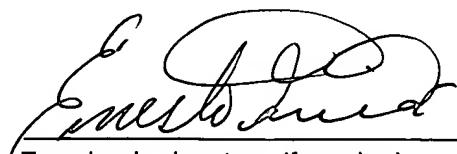
Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Proposed changes to fix the 35 USC 112(1st) and 112(2nd) rejection were discussed and accepted by the examiner. A copy of the proposed changes has been provided and attached herein. It was agreed that the marked-up copy of the substitute specification is to be submitted in the next response. We also discussed drawing changes. It was agreed that the cross-hatching of the filling compound be shown in Figure 2.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.



Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Applicant Initiated Interview Request Form

Application No.: 09/806 304 First Named Applicant: ALAIN BROCHEZ
 Examiner: E. GARCIA Art Unit: 3679 Status of Application: FINAL REJECTION

Tentative Participants:

(1) ERNESTO GARCIA (2) PATRICK BUECKNER

(3) _____ (4) _____

Proposed Date of Interview: 2/15/07 Proposed Time: 11:00 (AM/PM)

Type of Interview Requested:

(1) Telephonic (2) Personal (3) Video Conference

Exhibit To Be Shown or Demonstrated: YES NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>ALL</u>	_____	_____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Continuation Sheet Attached					

Brief Description of Arguments to be Presented:

SEE CONTINUATION SHEET

An interview was conducted on the above-identified application on 2/15/07.
 NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.



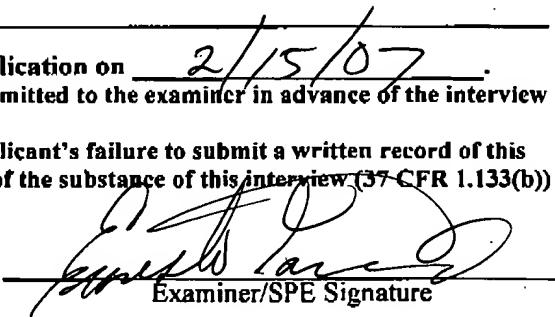
Applicant/Applicant's Representative Signature

PATRICK BUECKNER

Typed/Printed Name of Applicant or Representative

S7 504

Registration Number, if applicable



Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Application No.: 09/806,304

Examiner: E. Garcia

Art Unit: 3679

Topics for discussion during interview

1. Regarding drawing objections with respect to reference numerals 9 and 10, applicant proposes to move lead lines to point to interface between wall 33 and filling compound.
2. Regarding the objection with respect to Figure 2 not being an actual cross-section of amended Fig. 1, the applicant proposes to amend the specification to state that in the brief description of the drawings that figure 2 represents a partial section to a larger scale according to line II-II in figure 1, with the filling compound absent for the sake of clarity.
3. Regarding drawing objection with respect to the panel being retained by the frame members by a plurality of wedges in combination with a center portion of the second leg, or in combination with the second leg, as recited in claims 54 and 55, the applicant respectfully points out that Fig. 1 discloses a panel 16 retained in the frame by way of wedges 17. The applicant further proposes to cancel the language "in combination with a center portion of the second leg" in claim 54 and the language "in combination with the second leg" in claim 55.
4. With regards to the marked up copy of the substitute specification, the applicant proposes to submit a photocopy of the marked up copy of the substitute specification that was originally submitted on January 31, 2003.
5. With regards to the objection to the specification as failing to provide proper antecedent basis for the claimed subject matter, the applicant submits that the legal standard does not require that the literal language of the claims must be found in the specification, but rather the concept of the claims must be found in the specification. Accordingly, the applicant refers to at least page 5, lines 13-21, of the clean version of the substitute specification, which disclose the locking means 12 and the notch 15.
6. With regards to the objection to the description of the first and second legs in the claims as compared to the specification, the applicant notes that the recitation of

Application No.: 09/806,304

Examiner: E. Garcia

Art Unit: 3679

Topics for discussion during interview

first second and third in the claims is merely descriptive, and is used to define relative relationships. However, the applicant proposes to amend claims 36, 39, and 54-56 to recite the first, second, and third legs consistent with the description in the specification.

7. Regarding the objections to claims 56 and 59, the applicant proposes to make the changes suggested by the examiner.
8. Regarding the rejection of claim 56 under 35 USC 112, first paragraph, the applicant proposes to delete "resilient" from claims 56 and 57.
9. Regarding the rejection of claim 60 under 35 USC 112, first paragraph, the applicant respectfully submits that the notch 15 is defined by the surfaces of the stop part and the third leg of the insert part.
10. Regarding the rejection of claim 56 under 35 USC 112, second paragraph, the applicant proposes to replace "the resilient member" with "the resilient element."
11. With regards to the rejection of claim 59 under 35 USC 112, second paragraph, the applicant proposes to remove the phrase "on the place where the free end of the lip projection makes contact with the first side."
12. With regards to the rejection of claim 60 under 35 USC 112, second paragraph, the applicant proposes to replace "surface" with "wall" and to delete "the lip projection being deformable by the at least one locking element."
13. Please see the attached proposed claim amendments, which are for discussion purposes only and not meant for entry.

PROPOSED

Application No.: 09/806,304
Examiner: E. Garcia
Art Unit: 3679

AMENDMENT TO THE CLAIMS

NOT FOR ENTRY

Claims 1-32 (Canceled).

Claim 33 (Canceled).

Claim 34 (Canceled).

Claim 35 (Canceled).

Claim 36 (Previously Presented). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~^{second} leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~^{first} leg connecting at a first end with a first end of the ~~first~~^{second} leg to form the apex and extending at an oblique angle relative to the ~~first~~^{second} leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~^{second} leg.

Claim 37 (Canceled).

Claim 38 (Canceled).

Claim 39 (Currently Amended). A corner joint according to claim 36, wherein the attachment channels include lip projections arranged along an outer surface thereof and configured to be pressed in a slanting direction relative to the

longitudinal axis of the respective attachment channel, said lip projections having at least one of the following characteristics while in a pressed-in configuration:

a free end of each lip projection being situated behind a central axis of a ~~respective inclined part~~ ^{first} ~~the second leg of the insert part~~; and

a longitudinal axis of the third leg of the insert part and the longitudinal axis of the lip projection are canted inwardly towards the inner wall of the respective attachment channel.

Claims 40-48 (Canceled).

Claim 49 (Canceled).

Claim 50 (Canceled).

Claim 51 (Canceled).

Claim 52 (Canceled).

Claim 53 (Canceled).

Claim 54 (Previously Presented). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~ ^{second} leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~ ^{first} leg connecting at a first end with a first end of the ~~first~~ ^{second} leg to form the apex and extending at an oblique angle relative to the ~~first~~ ^{second} leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs

PROPOSED. NOT FOR ENTRY

Application No.: 09/806,304

Examiner: E. Garcia

Art Unit: 3679

14 in a direction generally proximal to the corner portion and connecting to the ~~first~~^{second} leg,
15 wherein a panel is retained by the frame members by a plurality of wedges ~~in~~
16 ~~combination with a center portion of the second leg.~~

Claim 55 (Previously Presented). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the attachment channels of the side members;

each of said insert parts includes an end portion geometrically configured in the shape of a triangle having an apex directed along a longitudinal axis of the respective attachment channel, each insert part defining a ~~first~~^{second} leg arranged to be urged against an inner wall of the respective attachment channel, a ~~second~~^{first} leg connecting at a first end with a first end of the ~~first~~^{second} leg to form the apex and extending at an oblique angle relative to the ~~first~~^{second} leg in a direction generally proximal to the corner portion, and a third leg extending obliquely relative to the first and second legs in a direction generally proximal to the corner portion and connecting to the ~~first~~^{second} leg, wherein a panel is retained by the frame members by a plurality of wedges ~~in~~
~~combination with the second leg,~~ the ~~second~~^{first} leg directed such that an intersection of an extension thereof with an edge of a panel is situated a distance near 10 cm from a corner of the panel.

1 Claim 56 (Currently Amended). A corner joint comprising two frame side members having attachment channels and mitered end portions, and at least one corner piece having two insert parts joined at connecting ends to define a corner portion and positioned relative to one another at a predetermined angle, each insert part configured to be received by the mitered end portions of a respective one of the

PROPOSED : NOT FOR ENTRY

6 attachment channels of the side members;

7 each of said insert parts including an end portion geometrically configured in
8 the shape of a triangle having an apex directed along a longitudinal axis of the
9 respective attachment channel, each insert part defining a ~~first~~^{second} leg arranged to be
10 urged against an inner wall of the respective attachment channel, a ~~second~~^{first} leg
11 connecting at a first end with a first end of the ~~first~~^{second} leg to form the apex and extending
12 at an oblique angle relative to the ~~first~~^{second} leg in a direction generally proximal to the
13 corner portion, and a third leg extending obliquely relative to the first and second legs
14 in a direction generally proximal to the corner portion and connecting to the ~~first~~^{second} leg;

15 wherein each of the insert parts includes ~~a resilient~~^{an} element comprising said
16 ~~first~~^{second} leg and a connecting leg situated in the an extension of said ~~first~~^{second} leg for ~~parts~~
17 connecting the end portion portions with the connecting end ends of the insert part;
18 the end portion and the resilient element of each of said insert parts arranged so that
19 the end portion places the ~~resilient~~^{element} in tension when inserted into the
respective attachment channel.

Claim 57 (Previously Presented). The corner joint according to claim 56,
wherein the ~~resilient~~ elements are arranged to be positioned generally along the inner
surface of the respective attachment channel. ✓

Claim 58 (Canceled).

1 Claim 59 (Currently Amended). A corner joint comprising two frame
2 side members having attachment channels and mitered end portions, and at least one
3 corner piece having two insert parts joined at connecting ends and positioned relative
4 to one another at a predetermined angle, each insert part configured to be received by

5 the mitered end portions of a respective one of the attachment channels of the side
6 members;

7 wherein the corner joint is provided with locking means comprising of upset
8 material parts each in the shape of a lip projection made by ~~means of~~ slantingly press-
9 ~~in~~ pressing in the upset material parts of the side members which cooperate with
10 notches defined on the corner piece;

11 wherein the each insert pieces include part includes at least one notch, said
12 notches comprising:

13 a triangular shape defined by one a first side against which the lip
14 projection is positioned is longer than another a second side over which a free
15 end of the lip projection is pressed in; and or

16 a shape of a predominantly right-angle triangle, wherein the relation
17 between said one first side against which the lip projection is situated and said
18 another second side over which the free end of the lip projection is pressed in
19 is variable by the compression characteristics of the material of the side
20 members;

21 wherein the second side of the notches over which the free end of the lip
22 projection is pressed in on the place where the free end of the lip projection makes
23 contact with the one first side extends perpendicular or substantially perpendicular to
24 the longitudinal direction of the lip projection; and

25 wherein said second side of the notches over which the free end of the lip
26 projection is pressed in has a concave bent or buckled shape.

1 Claim 60 (Currently Amended). The corner joint according to claim 36,
2 wherein each of the insert parts includes at least one locking element having at least
3 one notch disposed along a surface thereof, said at least one locking element arranged

- 4 to abut a locking means defined along an outer surface wall of the respective attachment channel;
- 5
- 6 wherein said locking means is a deformable lip projection extending at a predetermined angle from the outer surface ^{wall} of the respective attachment channel, the lip projection being deformable by at least one locking element;
- 7

Claim 61 (Previously Presented). The corner joint according to claim 36, wherein a filling compound is provided in the respective attachment channel, the triangular shape of each of said insert parts configured to urge the filling compound towards an outer wall of a the respective attachment channel.

Claim 62 (Currently Amended). The corner joint according to claim 56, wherein said insert part including a locking part arranged to lock with an outer surface wall of the respective attachment channel; and

wherein a clearance is defined between the outer surface wall of the respective attachment channel and the insert part when the corner part is inserted into the respective attachment channel, the clearance generally extending from the locking part to at least the connecting end of the insert part.

Claim 63 (Previously Presented). The corner joint according to claim 56, wherein the corner piece is provided with positioning elements arranged to guide the insert parts into the attachment channels when positioned therein; and

wherein the positioning elements include at least one of the following elements;

elastic press-on elements provided to push the inner sides of the insert parts against an inner surface of the respective attachment channel;

PROPOSED: NOT FOR ENTRY Examiner: E. Garcia
Art Unit: 3679

elastically bendable flaps provided on the insert parts at a predetermined distance from the connecting ends thereof and arranged to cooperate with the outer surface of the respective attachment channel;

support and guiding elements provided on the corner part in the shape of a little leg having elastically bendable flaps arranged to cooperate with the outer surface of the respective attachment channel.

Claim 64 (Previously Presented). The corner joint according to claim 56, wherein the corner piece includes a clearance generally defined at an inside corner where the insert parts connect and having a hook-shaped profile.

Claim 65 (Previously Presented). The corner joint according to claim 56, wherein the insert parts connect to form a unitary corner piece.